U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449A/PTO	Complete if Known		
	Application Number	10/527,634 October 7, 2005	
INFORMATION DISCLOSURE	Filing Date		
STATEMENT BY APPLICANT	First Named Inventor	Martyn Vincent Twigg	
(Use as many sheets as necessary).	Art Unit	3748	
· .	Examiner Name	Tu Minh Nguyen	
SHEET 1 of 2	Attorney Docket No.	JMYT-347US	

U.S. PATENT DOCUMENTS						
Examiner		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Initials*				(MM-DD-YYYY)		
		US-		The state of the s		
	, establish	US-				
		ŲS-				
		US-				
		US-				
		US-				
		US-			The service of the first	
		US-				
		US-				
		US-		30. W		
		US-			s :	
		US-				
		US-				
		US-				
		US-				
*		US-				
	1	US-				

FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No.1	Country Code ³ - Number ⁴ - Kind Code ^{5 (If known)}	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Passages or Relevant Figures Appear	T ⁶
/T.N./		EP-0 885 650-A2, A3	12-23-1998	Degussa Aktiengesellschaft		
-/T.N./		JP-5-59937	03-09-1993	Hitachi Seisakusho K.K.		
-7T.N./;		WO-02/083301-A2, A3	10-24-2002	Engelhard Corporation		
/T.N./		WO-01/14046-A1 (as originally published and corrected version)	03-01-2001	Engelhard Corporation		
/T.N./		WO-95/35152	12-28-1995	Engelhard Corporation		

ſ	Examiner	/Tu Nauven/	Date	01/31/2009
٠l	Signature	9-7	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).
²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 04/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449B/PTQ	Complete if Known		
	Application Number	10/527,634	
INFORMATION DISCLOSURE	Filing Date	October 7, 2005	
STATEMENT BY APPLICANT (Use as many sheets as necessary)	First Named Inventor	Martyn Vincent Twigg	
	Art Unit	3748	
	Examiner Name	Tu Minh Nguyen	
SHEET 2 of 2	Attorney Docket No.	JMYT-347US	

NON-PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				
/T.N./		Pages 10-26 of Annex 1 to the Notice of Opposition to European Patent No. 1 537 304, owned by Johnson Matthey Public Limited Company, filed by Umicore AG & Co. KG on November 28, 2007.				
/T.N./		HEYWOOD, John B., "Internal Combustion Engine Fundamentals, McGraw-Hill, April 1988, pp. 592-593.				
1. 6.						
	<u> </u>					

Examiner Signature	 /Tu Nguyen/		Date Considered	01/31/2009
i Sionature		. 1	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

considered. Include copy of this form with next communication to Applicant.

1 Applicant's unique citation designation number (optional).

2 Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.